GE
Lighting Solutions

GEH-5805A
INSTRUCTIONS

Criterion™ Floodlight 100 - 175 Watt

READ THOROUGHLY BEFORE INSTALLING

⚠ WARNING

Risk of electric shock
- Turn power off before servicing – see instructions

⚠ WARNING

Risk of fire
- Use supply wire specified on nameplate

GENERAL

This luminaire is designed for outdoor lighting applications, and should not be used in areas of limited ventilation, or in high ambient temperature enclosures. Best results will be obtained if installed and maintained according to the following recommendations.

WARNING: PAINFUL BURNS OF THE SKIN CAN RESULT FROM TOUCHING OR HANDLING THE FLOODLIGHT WHILE OPERATING.

The floodlight should not be installed in reach of the general public, unless it is protected from accidental handling, as the outside temperature of the housing, and particularly the glass, can be sufficiently high to cause burns of the skin. Floodlight should also be ordered with a door that is screwed shut if the latches are in reach of the general public. Criterion floodlights have both a screw-closure option and tamper-resistant-screw option.

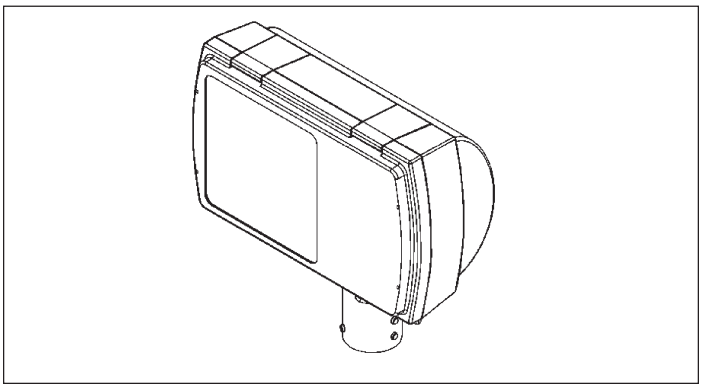
UNPACKING

This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm.

MOUNTING

⚠ CAUTION

Unit will fall if not installed properly
- Follow installation instructions



Follow installation instructions

1. Pipe Mounted units: The slipfitter can be mounted on 1-7/8-inch O.D. though 2-3/8-inch O.D. or 2-7/8 O.D. through 3-inch O.D. pipes. Set screws are used to clamp the floodlight securely to the pipe. Tighten set screws to 10 foot-pounds (13.6 N•m). Slipfitter is designed to mount on a vertical pipe pointed upward such that gravity acts to hold floodlight in place while the set screws are tightened. Do not mount unit up-side-down.

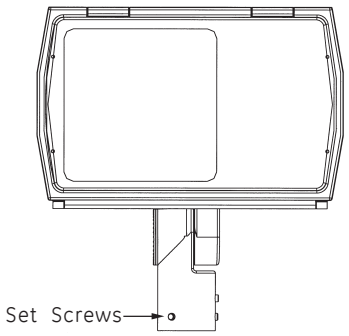


Figure 1

2. Wall Mounted units: The wall mounting plate is provided with four .438-inch clearance holes spaced 4.375(H) x 2.875(V) inches for mounting. Do not mount the unit such that the hinge side of door is higher than the latch side of door.

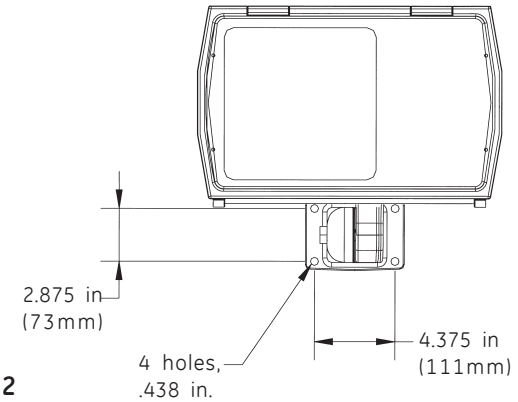


Figure 2

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to GE Lighting Solutions.

WIRING

Make all electrical connections in accordance with all applicable code requirements (National Electrical Code, Canadian Electrical Code and applicable local codes).

This luminaire is equipped with a SnapDrive™ electrical system. The SnapDrive is equipped with a **multi-volt** ballast. Ballast has been wired to the voltage indicated on the nameplate. If another voltage is desired, place the voltage selection jumper onto the appropriate voltage position as indicated on the wiring diagram on the Snapdrive ballast cover. Optional features such as fusing and photocontrols are voltage specific. **Do not change jumper positions if fixture is equipped with these features.** This will damage or destroy these optional parts and will void the applicable safety listing (UL, CUL, CSA, etc.) of the fixture.

SNAPDRIVE REMOVAL AND INSTALLATION

To remove Snapdrive: with the power off, open door by releasing the two top latches. Disconnect all wire harnesses from SnapDrive. Press clip located at bottom end of module (see figure 3). Swing Snapdrive forward and lift off the hooks located at top end Snap Drive . (See figure 4).

To install Snapdrive: with power off, open door of unit, Hang module on hooks (figure 3). Swing Snapdrive into clip lifting slightly as Snapdrive is swung into place. An audible snap should be heard which indicates the module has seated. Replace wiring harnesses into proper receptacles.

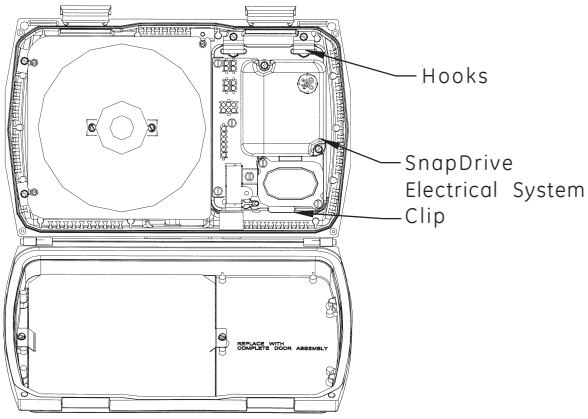


Figure 3

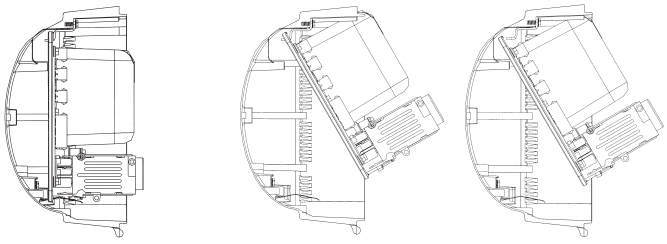


Figure 4

LAMP INSTALLATION

CAUTION

Risk of burn
- Allow lamp/fixture to cool before handling

WARNING

Risk of burn
- Do not touch operating luminaire

Use only lamps specified on nameplate. Observe lamp manufacturer's recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

Lamp Tightness-Medium Base Lamp: The lamp should be tightened to a light firmness sufficient to depress the center contact.

MAINTENANCE AND CLEANING

It will occasionally be necessary to clean the outside of the door glass to maintain light levels. Frequency of cleaning will depend on ambient dirt level and minimum light level that is acceptable to the user. The door glass should be washed in a solution of warm water and any mild, nonabrasive household detergent, rinsed with clean water and wiped dry. Should the optical assembly become dirty on the inside, wipe the reflector and clean the refractor in the above manner.

The light output of a luminaire is dependent on the age of the lamp. In applications where the light level is critical, it may be desirable to replace lamps before they burn out. The lamp manufacturer can provide data showing how the lamp light output decreases with use.

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